

**POWER OF ATTORNEY
THOMSON LICENSING**

We,

**THOMSON LICENSING
46, Quai A. Le Gallo
F-92100 Boulogne-Billancourt
France**

do hereby grant

**Joseph S. Tripoli
Senior Vice President
Thomson Licensing Inc.
Two Independence Way
Princeton, New Jersey 08540**

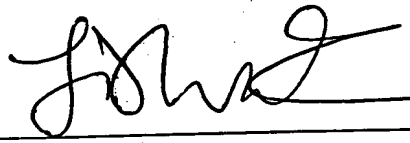
a revocable, non-exclusive and delegable power of attorney to act for us (including the signing of requisite documents) in proceedings concerning patents and applications for patents, including international and other multi-country patents and applications for patents, in our name in the Patent Offices in all countries worldwide from July 1, 2005

DATED this 7 day of July, in the year 2005.

Signature:

Typed Name As Signed:

Title:



Julian Waldron
President

POWER OF ATTORNEY
THOMSON LICENSING

THOMSON LICENSING
46, Quai A. Le Gallo
F-92100 Boulogne-Billancourt
France

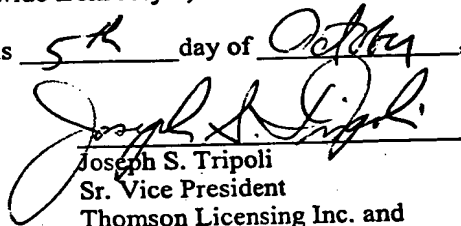
does hereby grant

Joseph J. Laks - Vice President
Harvey D. Fried - Sr. Patent Counsel/Manager
Ronald H. Kurdyla - Sr. Patent Counsel/Manager
Robert D. Shedd - Sr. Patent Counsel/Manager
Robert B. Levy - Sr. Patent Counsel/Manager
Frank Y. Liao - Sr. Patent Counsel/Manager
Reitseng Lin - Sr. Patent Counsel
Christine Johnson - Sr. Patent Counsel
Guy H. Eriksen - Sr. Patent Counsel
Catherine A. Ferguson - Sr. Patent Counsel
Joseph J. Kolodka - Sr. Patent Counsel
Kuniyuki Akiyama - Sr. Patent Counsel
Paul P. Kiel - Sr. Patent Counsel
Jeffrey M. Navon - Sr. Patent Counsel
Joel M. Fogelson - Sr. Patent Counsel
Joseph J. Opalach - Sr. Patent Counsel
Sammy S. Henig - Sr. Patent Counsel
Patricia A. Verlangieri - Sr. Patent Counsel
Jorge Tony Villabon - Patent Counsel
Vincent E. Duffy - Patent Counsel
Richard LaPeruta - Patent Counsel
Francis A. Davenport - Sr. Patent Agent
William A. Lagoni - Patent Agent
Brian J. Cromarty - Patent Agent
Ronald Kolczynski - Member Patent Staff
Michael A. Pugel - Patent Agent
Thomson Licensing Inc.
Two Independence Way
Princeton, New Jersey 08540

a revocable, non-exclusive and delegable power of attorney to act for us (including the signing of requisite documents) in proceedings concerning patents and applications for patents, including international and other multi-country patents and applications for patents, in our name in the Patent Offices in all countries worldwide from July 1, 2005.

DATED this 5th day of October, 2005.

SIGNED


Joseph S. Tripoli
Sr. Vice President
Thomson Licensing Inc. and
Attorney In Fact for
THOMSON LICENSING

WITNESS

David J. Fournatto

Express Mail # EV 371410205 US

PTO/SB/81 (11-04)

Approved for use through 11/30/2005. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM	Application Number	
	Filing Date	
	First Named Inventor	Janghwan Lee et al.
	Title	Method And System For Detecting Weak Or Invalid Signals In Data Streams
	Art Unit	
	Examiner Name	
Attorney Docket Number		PU030212

I hereby appoint:

☒ Practitioners at Customer Number **Customer Number 24498**
OR
☒ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

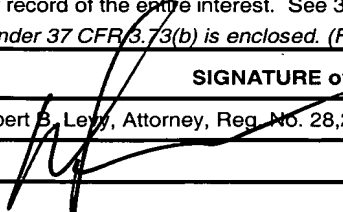
☐ The above-mentioned Customer Number: **OR**
☐ The address associated with Customer Number:
OR

<input checked="" type="checkbox"/> Firm or Individual Name	Joseph S. Tripoli, Patent Operations				
Address	THOMSON LICENSING INC.				
Address	P. O. BOX 5312				
City	PRINCETON	State	NJ	ZIP	08543-5312
Country	USA				
Telephone	609-734-6820	Fax	609-734-6888		

I am the:

☐ Applicant/Inventor.
☒ Assignee of record of the entire interest. See 37 CFR 3.71.
 Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	Robert B. Levy, Attorney, Reg. No. 28,234		
Signature			
Date		Telephone	609-734-6820

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 3 forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.